

CLAIMS:

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- (1) An order allocation management method which performs the processing to create an order parts list after allocating the parts existing in the inventory list based on the order information to record on memory storage of the computer, to refer each part listed on the latest inventory list for the priority order information indicating shipment priority order after the order is confirmed; and to create the confirmed parts list reallocating the above parts having the highest priority.
- (2) An order allocation management method according to claim 1, wherein
- the priority order information includes priority information according to time of parts purchase.
- (3) An order allocation management method according to claim 1, wherein
- the priority order information includes priority information according to purchase price.
- (4) An order allocation management method according to claim 1, wherein
- the priority order information includes priority information according to constructions of the parts.
- (5) An order allocation management method according to claim 1, wherein
- the order parts list is created by allocating the parts



wherein the order allocation method allocates the parts having the highest priority order to build up finished products based on a tree-shaped list in which the finished products are placed on the trunk, and equivalent parts are individually placed on a plurality of branches branched from the same trunk.

(10) An order allocation management method according to claim 9, wherein

the tree-shaped list is created such that all

parts, placed on its pathway when the tree-shaped list is traced back from the root to any of the terminal branch by selecting one of the plurality of branched branches, consist of only normally functioning parts by combining each other.

(11) An order allocation management method according to claim 10, wherein the order allocation management method allocates each part such that all parts, placed on its pathway when the above tree-shaped list is traced back from the root to any of the terminal branch by selecting one of the plurality of branched branches based on the stock list and priority order information, consist of combination of the parts having the highest priority to build up the finished products shown in the root.

(12) An order allocation management system

comprising: order parts list creation means to create the order parts list allocating the parts existing in the

inventory list based on the order information and to store in the memory storage of the computer; and confirmed parts list creation means to execute processing to create a confirmed parts list for each part existing in the latest inventory list after confirmation by reallocating each of the parts having high priority order by referring to the priority order information showing the shipment priority order.

- (13) An order allocation management method according to claim 12, wherein the confirmed parts list creation means allocates the parts having the highest priority order to build up the finished product based on the tree-shaped list in which the finished products are placed on the trunk, and equivalent parts are individually placed on the plurality of branches branched from the same trunk.
- (14) An order allocation management method according to claim 13, wherein the tree-shaped list is such that all parts, placed on its pathway when the above tree-shaped list is traced back from the root to any of the terminal branch by selecting one of the plurality of branched branches, consist of only normally functioning parts by combining each other.
- (15) An order allocation management method according to claim 14, wherein the confirmed parts list creation means is such that all parts, placed on its pathway when

the tree-shaped list is traced back from the root to any of the terminal branches

by selecting one of the plurality of branched

branches based on the stock list and priority

order information, consist of combination of the parts having the highest priority to build up the finished products shown in the root.

(16) A computer readable recording media which records computer program to execute in sequence

processing to create an order parts list allocating the parts existing in the inventory list based on the order information and to store in the memory storage of the computer; and to create

a confirmed part list regarding each part existing in the latest inventory list after confirmation by reallocating each of the parts having high priority order by referring to the priority order information showing the shipment priority order.

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